

Topchiyev, A. V., Krentsel', B. A. and others.
**CHROMIC OXIDE CATALYSTS FOR POLYMERIZA-
 TION OF ETHYLENE** (Oksidokhromovyye
 Katalizatory dlya Polimerizatsii Etilena). [1960] 16p.
 6 refs.

Order from LC or SLA m\$2.40, ph\$3.30 61-10583

Trans. of *Akad[emiya] Nauk SSSR. [Otdeleniye
 Khimicheskikh Nauk]. Izvestiya, 1959, no. 6,
 p. 1079-1087.

Other translations are available from ATS \$10.75 and
 ATS-OIM38R [1960] 11p. and from LC or SLA
 m\$2.40, ph\$3.30 as 60-16901 [1960] [14]p.

61-10583

1. Ethylenes--Polymerization
 2. Chromium oxides--
Catalytic properties
- I. Topchiyev, A. V.
 II. Krentsel', B. A.

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 7)

Investigation of the Polydispersity of
Polymers by the Method of Unestablished
Sedimentation Equilibrium. II. Study of
Polyisobutylene Prepared With Compounded
Organometallic Catalysts, by S. Ya. Frenkel',
A. V. Topchiyev, B. A. Krentsel', Yu. Ya.
Gol'dfarb, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 2,
1960, pp 327-334.

Cleaver-Hume Press

S41
Dec 60

154,768

Isomerization of C₁₅-C₁₈ Normal Paraffinic Hydrocarbons Over Sulfide Catalysts, by A. V. Topchiyev, Kh. Ya. Orlov, Ya. M. Paushkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 6, pp 1235-1238,

CB

126,417

Sci
Aug 60

On the Addition of Trichlorosilane to Trialkyl(Phenyl,
Chloro) Allylsilanes Certain Silicohydrocarbons of the
Disilylpropane Series, by A. V. Topchyev, N. S.
Nemetkin, S. G. Durgar'yan, 6 pp.

RUSSIAN, per, Zhur Obshch Khim., Vol XXX, No 3, 1960,
pp 927-932.

CB

Sci -
Apr 61

147,574

Polymerization of B-Nitrostyrene, by A. V. Topchiev,
V. P. Alaniya, I. S. Mazel, 3 pp.

RUSSIAN, paper, Dok Ak Nauk SSSR, Vol CXXV, No 5,
1959, pp 1048-1050.

Consultants Bureau

Sci

119,525

Jun 60

Catalytic Conversion of Cyclohexene to Tetraalkylbenzene
and Dimethylnaphthalenic Hydrocarbons, by A. V.
Topchiev, G. M. Mamedaliev, M. V. Shishkina, G. N.
Anikina, A. N. Kisilinskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 2,
1959, pp 341-344.

Consultants Bureau

119,529

Sci.

Jun 60

61-22258

Topchiyev, A. V., Mamedaliyev, G. M. and others.
TRANSFORMATION OF CYCLENES OVER SILICA-
ALUMINA CATALYSTS. I. CONVERSION OF CYCLO-
HEXENE TO TETRAALKYLBENZENE AND DI-
METHYLNAPHTHALENE HYDROCARBONS. [1961] 11p
Order from ATS \$12.50 ATS-01M47R

Trans. of *Akad[emiya] Nauk SSSR. Otdel[eniye]
Khim[icheskikh] Nauk. Izvest[iya] 1960, no. 6,
p. 1084-1093.

1. Cyclohexenes--Chemical reactions
2. Alumina-silica--Catalytic properties
3. Benzenes--Synthesis
4. Naphthalenes--Synthesis
- I. Topchiyev, A. V.
- II. Mamedaliyev, G. M.
- III. Title: Conversion...
- IV. ATS-01M47R
- V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

(Chemistry--Organic, TT, v: 5, no. 12)

Dealkylation of Mesitylene and Associated
Alkylation of Benzene and Toluene in Presence of
Synthetic Aluminosilicates, by A.V. Topchiyev,
G.M. Mamedaliyev, L.S. Kovaleva, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1961, pp 868-876.

CB

Sci

189, 020

Mar 62

Differential Thermal Study of Complex Formation
in the System Urea - n - Paraffin, by A. V.
Topchiev, L. M. Rozenberg, 10 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 6,
1956, pp. 1185-1193.

ACE-Tr-4587

Sci

340, 902

Apr 62

AGAINST THE GROWING THREAT OF THERMONUCLEAR
WAR, BY A. V. TOPCHAYEV, V. P. PAVLICHENKO,
7 PP.

RUSSIAN, PER, VESTNIK AKADEMII NAUK SSR,
NO 4, NOV 1962, PP 100-104.

JPRS 17352

USSR
MIL
X FEB 63

211,174

Radiation-Thermal Cracking of Hydrocarbons, by
A. V. Topchyan, L. S. Polak, et al, 11 pp.

RUSSIAN, in, Radioaktivnye Izotopy i Yadernyye
Izmeneniya v Narodnom Khozyaystve SSSR,
Mosc., 1960, pp 206-210. 9682971

FTD-TT-62-1930

Rec'd from
May 63

232,187

(SF-1440)

The Noble Task of Scientists, by A. V. Topchiyev,
9 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960,
pp 3-8.

JPRS 4506

Sci - Misc.

May 61

150,416

Topchiev, A. V., Zavgorodnii, S. V., and
Paushkin, Ya. M.
BORON FLUORIDE AND ITS COMPOUNDS AS CATA-
LYSTS IN ORGANIC CHEMISTRY, tr. by
J. T. Greaves. [1962] 326p.
Order from Macmillan Co., 60 Fifth Ave., New York, 11,
N. Y. \$12.00

Trans. of [Ftoristy i Bor i Ego Soedinenii Kak
Katalizatory v Organicheskoi Zhizni, Moscow, 1956].

DESCRIPTORS: *Catalysts, *Boron compounds, *Flu-
orides, Organic compounds, Physical properties,
Chemical properties, Complex compounds, Hydrogen
compounds, Oxygen compounds, Sulfur compounds,
Ethylenes, Acetylenes, Dienes, Nitration, Sulfura-
tion, Condensation reactions.

(Chemistry--Organic, TT, v. 9, no. 10)

63-12793

- I. Topchiev, A. V.
- II. Zavgorodnii, S. V.
- III. Paushkin, Ya. M.
- IV. Macmillan Co., New York

Office of Technical Services

Topchiev, A. V.

NITRATION OF HYDROCARBONS AND OTHER ORGANIC COMPOUNDS, tr. by Catherine Matthews. [1962] 329p.

Order from Macmillan Co., 60 Fifth Ave., New York, 11, N. Y. \$15.00

Trans. of mono. [Nitrovanie Uglevodorodov i Drugikh Organicheskikh Soedineniya, Moscow, 1949]

DESCRIPTORS: *Organic compounds, Hydrocarbons, *Nitration, Nitric acid, Amines, Nitrogen compounds, Oxides, Nitrates, Chlorides.

(Chemistry--Organic, TT, v. 9, no. 10)

63-12792

I. Topchiev, A. V.

II. Macmillan Co., New York

Office of Technical Services

The Possibility of Obtaining Polymeric Materials
Based on Polyacrylonitrile, With Semiconducting
Properties, by A. V. Topchiyev, M. A. Geyderikh,
B. E. Davydov, V. A. Kargin, B. A. Krentsel',
I. M. Kustanovich, L. S. Polak.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,
1959.

Sci - Electron

Jan 61

Ministry of Aviation
TIL 1(a)

First Avenue House
High Holborn
London, WC.1, England
OT/3864

137,371

Boron Flouride, by A. V. Tepcheyev, S. V.
Zavgorodniy, Y. M. Payushkin.

RUSSIAN, bk, 1959

Pergamon Press

Sci

Dep. of Sci. & Tech.
20/10/87

Dec 59

A Study of the Hydrocarbon Composition of the
Kerosene Fractions of Some Crude Oils of the
USSR, by A. V. Topchiyev, 38 pp.

RUSSIAN, bklet, Dok na IV Mezhdynarodnom
Neftyanom Kongresse v Rime, Moscow, 1955.

Available Harvard University
Library

33,435

USSR

Scientific - Fuels , Petroleum

Economic - Fuels , Petroleum

Organopolysiloxane Liquids, by A. V. Topchiev et al.

Full translation.

RUSSIAN, bi mo per, Uspekhi Khim, Vol XX, No 6,
1951, pp 714-733.

Assoc Tech Sv Tr RJ-84

AI
Scientific - Chemistry

Mar 53 CTS

\$26.25 (\$3.85)

A 12105

V
Isopropyl Benzene Synthesis by Alkylation in Presence
of $AlCl_3 \cdot SO_2$ by A. V. Topchiyev, M. V. Kurashev,
B. A. Krentsel, 6 pp.

Full tr

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVIII, No 9,
1955, pp 976-981. CIA C 42516.

35775- Consultants Bureau

Scientific - Chemistry
Jun 56/dax

Preparation of Compounds With Silthiane-Carbon
Links, by N. S. Mametkin, A. V. Topchilov, L. S.
Povarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 2,
1957, pp 245-248.

Consultants Bureau

Sci - Chem

Oct 58

74, 399

Reaction of Cyclohexene With Dilute Nitric Acid.
by A. V. Topchayev, E. L. Fantalova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVIII,
1953, pp 83-85.

ATS 10M4LR

Sci - Chem

Oct 60

129,774

The Polymerization of d -Butene With a Complex
Organometallic Catalyst $Al(C_2H_5)_3 + TiCl_4$, by
A. V. Topoligev, B. A. Krentsel', N. A. Pokatilo,
E. I. Erasova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6,
1959, p 1255-.

Consultants Bureau

119,479

Sci

Jun 60

Production of Aromatic Hydrocarbons by Catalytic
Treatment on the Products From Thermal Cracking
and Pyrolysis of Petroleum, by A. V. Topchayev,
G. M. Mamedaliev, S. M. Aliev, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXV, No 3,
1959, pp 566-.

Consultants Bureau

119,536

Sci

Jun 60

Synthesis and Properties of Alkylindanes With
Substituents in the Five-Membered Ring, by
A. V. Topchiev, N. E. Tsytoich, E. S.
Pohrovskaya, 3 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Vol. CXXV, No 6,
1959, p 1275--.

Consultants Bureau

119,551

Sci.

Jul 60

Chlorosulfonation of Methane with Sulfur Dioxide
and Chlorine, by G. V. Gryaznov, A. V. Top-
chlev, G. M. Tsiguro, 4 pp.

1957
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 3,
pp 598-600.

Consultants Bureau

Sci - Chem
Aug 58

69,070

Thermal Stability of n-Paraffin Hydrocarbon Complexes
With Urea, by L. A. Rozenberg, E. A. Gerasimova, L. A.
Mochalova, A. B. ~~Torshin~~, 3 pp.

RUSSIAN, Zhurnal SVS, Dokl Akad. Nauk, Vol. 131,
No. 6, Jul/Aug 1956, pp 1194-1196.

Consultants Bureau

56, 573

Sci. - Chem

Dec 57

The Addition of Tribenzylsilane to Olefins,
by N. S. Kharatkin, A. V. Topchikov, T. I.
Chernycheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI,
No 5, 1959, pp 1001-1003.

Consultants Bureau

Sci

119,501

Jun 60

A Study of the Addition of Trialkoxysilanes
to Olefins, by N. S. Nametkin, A. V. Topchayev,
T. I. Chernysheva, L. I. Kartasheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI,
No 4, 1959, pp 794-797.

Consultation to Bureau
*ATIC MCL-553/III

119,497

Sci

Jun 60

IC-40375-M

Alkylation of Isopentane with Propylene and
Isobutylene in the Presence of a Series of
Phosphoric Acids Containing Fluorine and Boron
Trifluoride, by A. V. Topchiev, V. N. Andronov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, pp 1076-1079.

1957 Consultants Bureau

Sci - Chem
Aug 58

67, 155

The Preparation of Crystalline Polypropylene by
the Polymerization of Propylene on an Organo-
metallic Catalyst, by A. V. Topchiev, B. A.
Krentsel, I. M. Tolchinskiy, G. V. Garnishevskaya,
4 pp.

X 1957
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 1, pp
113-115.

Topchiev, I. M. / Tolchinskiy, G. V.
Consultants Bureau

SLA: 61-10047

Sci - Chem
Aug 58

69, 138

Molecular Compounds of Boron Fluoride as New
Catalysts of Polymerization and Alkylation,
by Y. M. Pashkin, A. V. Topchilov, 6 pp.

RUSSIAN, Iz Ak Nauk SSSR, No 7, Jul 1967.

SLA R-1909

Sci -
Aug 58

68,878

Radicalysis of Heptane and of Some Other Alkanes,
by L. S. Polak, A. V. Topylov, N. Ya. Charnyak,
7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, 1958,
pp 308, 309.

AEC 3417

Sci - Chem

Dec 58

78, 264

Sulfoxidation of Methane with Gaseous Sulfur
Dioxide and Oxygen, by A. V. Topchiev, G. V.
Gryaznov, G. M. Tsiguro, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, 1957
pp 839-842.

Consultants Bureau

Sci - Chem
Aug 58

69, 139

Spectroscopic Study of Radiolysis of Hydrocarbons,
by L. S. Polak, A. V. Topchishv, N. Ya. Chernyak,
I. Ya. Kachkurova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, 1958,
pp 118-120.

ABC 3416

Sci - Chem

Dec 58

78,271

tes

The Reaction of Olefins With Ammonia in the
Presence of Oxide Catalysts, by A. V. Topchiyev.
et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1959, pp 829, 830.

ATS RJ-1925.

Sci - Chem
Dec 59

104,096

The Addition of Dialkyl- and Diphenylsilanes to
Olefinic Hydrocarbons, by A. V. Topchiev,
M. B. Maslkin, T. I. Chernysheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1958, pp 517-519.

Consultants Bureau

Sci - Chem

Jun 59

88,803

Polymerization of Ethylene Over a Chromium Oxide
Catalyst at Atmospheric Pressure and in the Absence
of Solvent, by A. V. Topchiyev, et al.

RUSSIAN, Izv. Akad. Nauk SSSR, Otdel. Khim. Nauk,
No 2, 1959, pp 365, 366. 9047265

AMS RJ-1910

Sci - Chem
Dec 57

104,086

Methods for the Preparation of Triallylboron and
Trivinylboron, by A. V. Topchiyev, Ya. M.
Paushkin, A. A. Prokhorova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 3.
1977, pp 590-592.

CB

Sci
Oct 60

129,959

THE DEVELOPMENT OF SOVIET SCIENCE AND SCIENTISTS,
BY A. V. TOPCHUYEV, 16 PP.

RUSSIAN, PER, VESTNIK AK NAUK SSSR, NO 7,
1962, PP 3-9.

JPRS 15172

SCI - MISC

OCT 62

213,432

Investigation of the Paraffinic Hydrocarbons
of the Derosene Fraction of Aktash Crude From the
Romashkin Formation, by L. M. Rozenberg, A. V.
Topchyev, I. B. Ushakova, I. S. Genskh, E. I.
Lyashkevich, E. M. Terent'eva, P. A. Nikitina,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 4,
1958, pp 621-624.

CB

Sci - Chem
Oct 59

100,054

Some n-alkane Systems, by N. A. Nechitailo, A. V.
Topchayev, I. M. Rozenberg, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 12,
1960, pp 2694-2703.

Cleaver-Humel Press

Sci

177,553

Ref Ci

Unsaturated Hydrocarbons in a Thermally Cracked Gasoline, by A. V. Topchyev, I. A. Musayev, Z. Kh. Iskhakova, A. E. Kislinitsky, G. D. Gal'pern, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958, pp 1056-1058.

Consultants Bureau

Sci - Chem

Jun 59

88, 755

Alkylation of Phenol with Diisobutylene and
Triisobutylene in the Presence of Catalysts
Containing Boron Trifluoride, by A. V. Topcheyev,
B. M. Tchernan, T. A. Fedorova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 90-.

Consultants Bureau

Sci - Chem

Jun 59

88,786

Synthesis and Properties of Phenyl-, 3, 4-Xylyl-
and 4-Isopropylphenyl-allylsilanes, by A. V.
Topchyev, N. S. Nametkin, and Gu Chan-li, N. A.
Leonova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 731-.

Consultants Bureau

Sci-Chem

Jun 59

88,800

Contribution to the Problem of the Thermo-
dynamics of the Hydrochlorination of Iso-
butylene, by D. N. Andreyevskiy, B. A. Krentsel',
A. V. Topchayev, 4 pp.

RUSSIAN, per, ~~Mag~~ Dok Ak Nauk BSSR, Vol CXVIII,
No 5, 1958, pp 931-934.

Consultants Bureau

Sci-Chem

Jun 59

88,802

Adsorption of Boron Fluoride on Single and Mixed
Metallic Oxides, by A. V. Turchnev, A. P. Ballod.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XC, 1953,
pp 1051-1054.

Consultants Customs Tr

~~CONF~~-199B

\$21.00

Sci - H Chem

Mat 59

83,449

On the Chemistry of Thermal Cracked Gasoline,
by A. V. Topchilev, et al.

RUSSIAN, no per, Khim i Tselh Topliva, No 12,
1956, pp 1-4.

Tech and Comm
\$15.00

Sci - Chemistry
Aug 57

51,006

Compounds of Fluorine in Polymerization (Synthesis of Lubricating Oils, Low-Molecular Weight and High-Molecular Weight Hydrocarbons), by A. V. Topchiyev, Ya. M. Paushkin, 23 pp.

RUSSIAN, per, Neft Khoz, Vol XXV, No 10, 1947, pp 36-45.

Sci Trans Center
RT-2644

Scientific - Chemistry; Freis
CIB 75/Dec 55

29,215

Research in the Radiation Chemistry of
Petroleum Hydrocarbons and the Use of
Nuclear Radiation in the Petroleum-Refining
Industry and Petrochemical Synthesis, by
A. V. Topchiyev, K. P. Lavrovskiy, 18 pp.

RUSSIAN, bk, Pererabotka Nefti i Gaza
Neftekhimiya, Vol III, Moscow, 1961,
pp 345-354. 9667336

FTD-TT-62-1047

Sci - Chem

Effectiveness of Various Catalysts in Alkylating
Phenol With Isobutene, by A. V. Topchayev,
M. Y. Kurashev, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 2, 1961, pp 307-310.

CB

Sci

Jun 62

193,313

Chemical Composition of Cracked Gasolines From Naphth~~en~~
enic Crude. Communication 2, Investigation of
Individual Hydrocarbon Composition of Cracked Gasoline
From Surakhan Select Crude, by A. V. ~~XX~~ Topchiyev,
I. A. Musayev, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 2, 1961, pp 302-306.

CB

Sci

Jun 62

193,312

Scientific Bonds Between Soviet and British Men
of Learning, by A. V. Torchilov, 9 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 4, 1956,
pp 47-51.

Sci Mus Lib No 56/2193

Sci - Misc

42,860

USSR/Sci/Chemistry

C

Significance of Fluorine Compounds as Catalysts in
Alkylation Reactions, by A. V. Topol'yev, Ya. M. Paushkin,
5 pp. (REF ID: A66555), UNCLASSIFIED.
RUSSIAN, per, Neft Khoz, No 6, 1947.

AMC F-TS-6933-3

FLT: Znacheniya Soedinenii Ftora kak Katalizatorov v
Reaktsiyakh Alkilirovaniya

C May CTS

A 8968

Alkylation of Phenol with Olefins in
the Presence of Catalysts Containing
Baron Fluoride, by A. V. Topchiev,
B. N. Gumerman.

RUSSIAN, per, Trudy Instit Neftekhimicheskoi
i Gazovoi Promyshlennosti, Vol XXIII, 1958,

pp 9-21.

ATB 39R77R

Apr 67

325,039

13 752

Fr-1

TOPCHIEV A. V., POLAK L. S., CHERNYAK N. Yu.,
GLUSHNEV V. E., VERESHCHINSKII I. V., GLAZUNOV P. Yu.

Prospects for industrial use of radiation thermal cracking of
normal hydrocarbons

Perspectives de l'utilisation industrielle du cracking thermique
sous radiations d'hydrocarbures normaux

Acad. of Sciences, Moscow, 131-138 of "Large radiation sources
in industry"

Conference Proceedings, Warsaw, 8-12 Sept. 1959, Comm.
CW/11C/84

CEA-tr-R-1020 - French

Abs.: NSA, 15, No. 1, ref. 257 (1961) - English

E u r a t o m

TT-65-14262

Field 7C

Tepchlev, A. V.; Goldfarb, Yu. Ya.; Krentsel, B. A.
THE POLYMERIZATION OF SOME HETEROCYCLIC COM-
POUNDS IN THE PRESENCE OF A COMPLEX ORGANO-
METALLIC CATALYST. 15p, 5 refs.
Order from SLA: \$1.60 as TT-65-14262

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v3 n6
p870-6 1961.

See also Translated or Abstracted Publications, in

TT Vol. 14, No. 8.

Another trans. is available from CFSTI, SLA, or ETC \$2.60
as TT-65-16534, 20p.

Also available from IPE \$100.00/year in Polymer Science
USSR, v3, no. 4.

MIR 677

105
Polymerization of quinoline in a complex
with Zinc Chloride, by D. A. Topolov, et al.
V. S. Kabanov, et al, 7 p.
Dokl. Akad. Nauk SSSR, 1964, No 10, 1805, 1814-1820.
*FT-66-707

D. A. Topolov, et al.

1964 - 1965

1964 - 1965

Chemical Structure and Parasitocidal Activity. XI. Derivatives of Dipyridylguanidine, by M. B. Braude, K. S. Topchiyev, 6 pp.

Full translation.

RUSSIAN, per, Zhur Obsh Khim, Vol XXI, No 10, Oct 1951, pp 1909-1914.

Consultants Bureau, ~~1951~~ Oct 1951

USSR

Scientific - Chemistry

A1020

The Structure of Einhorn's "2-Hydroxy-5-Nitrobenzyl-
diethylamine," V. I. Stavrovskaya, K. S. Topchilov.

The Journal of General Chemistry of the USSR, Vol XXI,
No 3, Mar 1951, pp 581 - 587 (Russ p 525).

Consultants Bureau
New York

USSR

A 11524

Chemical Structure and Parasitic Activity. IX.
Isomeric Chloro-9-Aminoacridine: ~~2~~ Quinoid Structure
and Anti-Plasmodium Activity, by K. ~~S~~ Topchyev,
A. P. Eiechli, M. L. Kirmalova.

RUSSIAN, per, Zhur Obshch Khim, Vol XIX, No 3,
1949, (Mar), pp 509-515

Consultants Bureau

Scientific - Chemistry

15,201

NY-1950

The National Economy Needs Physicists - Chemists,
by Ya. I. Gerasimov, V. M. Yerevin, A. V.
Kiselyov, B. M. Shurakov, K. V. Topol'yev,
4 pp.

RUSSIAN, per, Vest Vishey Shkoly, No 7, Moscow.
Jul 1958, pp 14-16.

UB JPRS/EY-L-527

USSR
ECON
Econ
Sci
Dec 58

77,584

BULGARIA IN THE FAMILY OF SOCIALIST COUNTRIES,
BY PETUR TOPCHYEV, 6 PP.

BULGARIAN, PER, NARUCHNIK NA AGITATORA,
NO 38, OCT 1962, PP 22-31.

JPRS 17236

EEUR - BULGARIA
ECON
JAN 63

220,401

Mechanism of the Catalytic Dehydration of Ethyl Alcohol and Diethyl Ether, K. Topchieva, K. Yun-Pin, 13 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, No 11, 1955, pp 2076-2080.

SLA R-3639

Sci

Aug 59

95, 143

Effect of Heat Treatment of Aluminosilicate
Catalysts in Vacuo on their Structure, by
K.V. Iopchieva and E.N. Nosolovskaya.

RUSSIAN, per, Khimiya, 1962, vol.2,
no.2, pp. 175-178.

ATS-83 R 76 R

K.V. Iopchieva

Mat/Metal
Aug 66

307,697

The Extent of Gas Mixing in a Fluid Bed Studied
as a Function of Flow Rate and Bed Height, by
K. V. Topolyeva, I. P. Planovskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, (CXLI),
No 3, 1961, pp 679-.

CB

Sci

Nov 62

217,957

The Effect of the Pore Structure of Catalysts
on Catalytic Activity and on the Kinetic Para-
meters of Cracking Reactions, by K. V.
Topchayeva, T. V. Antipina, Li He-suyan, 7 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I,
No 3, 1960, pp 471-477.

CB

Sci
Sep 61

168,556

Acidity and Catalytic Properties of
Aluminosilicates, by K. V. Topchikova,
I. F. Moskvakina.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CI,
No 3, 1955, pp 517-520. CIA D 372821

Assoc Wash Sv
RJ-266

Sol - Chemistry
Jan 1956/CTS No 77

30, 5-32

P.O. Box 271, East Orange, N.J.

The Nature of the Catalytic Action of
Aluminum Silicates, by A. P. Ballod,
K. V. Topchiyeva, (AF 304167). UNCLASSIFIED

RUSSIAN, per, Uspekhi Khim, Vol XX, No 2, 1951,
pp 161-171.

ATIC F-TS-8372/V

Scientific - Chemistry

CTS 65/Feb 55

21,056

Continuous Hydrochlorination of Acetylene
Over Aluminum Oxide, by K. V. Topchieva,
A. M. Rambaeva, G. Opits, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII,
No 6, 1957, pp 1010 ~

Consultants Bureau

Sc1 - Chem

Oct 58

74, 373

Conversion of Allylbenzene Over Aluminosilicate
Catalysts. I. Study of Conversion Kinetics.

by K. V. Topchyana, A. I. Pletyushkina and
Y. A. Zolotarevich, 7 pp.

RUSSIAN, per Zhur Oshch Khim, Vol XXVIII, No 3,
1958, pp 624-630.

Consultants Bureau

Sci-Chem

May 59

87,358

Conversion of Allylbenzene Over Aluminosilicate Catalysts. II. Structure and Mechanism of Formation of the Dimer. by K. V. Topchyeva, A. I. Pletyushkina and V. A. Tronova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 3, 1958, pp 631-634/

Consultants Bureau

Sci. Chem

May 59

87,357

Kinetics of the Conversion of Methanol Into
Formaldehyde on a Fluidized Silver Catalyst,
by I. P. Planovskaya, & K. V. Topchikova, 10 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 3,
1961, pp 408-417.

CB

Sci

201,770

Jun 62

The Nature of the Acidity of Silica-Alumina
Cracking Catalysts, by K. V. Topchiyeva, I. F.
Moskovskaya, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1958, pp 891-894.

ATS-80L30R

Sci - Chem
Sep 59
Vol 2, No 1

97, 419

An Investigation of the Catalytic Activity and
Structural Characteristics of Silica-Magnesia-
Alumina Catalysts, by Z. G. Zol'tugarov, K. V.
Topchieva, 21 pp.

RUSSIAN, per, Iz Ak Nauk Azerbaydzhan SSSR,
No 7, 1955, pp 3- 25. (357142)

Assoc Tech Sv

Sol - Chemistry
Oct 1 57

54,431

Reactions of Cyclohexene at Aluminosilicate Catalysts
of Different Alumina and Silica Contents Under Condi-
tions Precluding Cracking. Selective Poisoning by
Sodium Ions, by K. V. Topolova, A. P. Ballod, I. V.
Matsevich, I. Ptishcheva, 5 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, USSR, May-Jun 1954, pp 473-483. CIA D 151316

Consultants Bureau

Scientific - Chemistry 23,764 CTS 68/May 55

Kinetic Method for Determination of Adsorption Coefficients. 1. Adsorption Coefficients of Water, Ether and Ethylene on Alumina, by K. V. Topchyeva, B. V. Romanovskiy, 11 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I, No 1, 1960, pp 106-116.

CB

Sci
Jul 61

Sci TA in Hand 9-11-61
158, 138

The Formation of the Porous Structure of Aluminosilicate Catalysts Under the ~~XXXX~~ Action of Surface Active Reagents, by K. V. Topchyeva, T. V. Antipina, et al, 7 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 6, 1961, pp 887-893.

CB

Sci
Sep 62

210,457

Hydrochlorination of Acetylene on Alumina, by
K. V. Topchiyeva, S. A. Ven'yaminov, 5 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol III, No 1,
1962, pp 118-122.

Consultants Bureau

Sci
Dec 62

218,199

Topchieva, N.V.
REGULATION DU PROCESSUS DE PRISE ET DE DUR-
CISSEMENT DES MORTIERS DE PLÂTRE PAR LA
MÉTHODE DE CÂCHAGE EN DEUX TEMPS (Regulyu-
vaniye Protsessa Vozhavlenniya i Tverdnosti Gipsovikh
Rozchistiv Metodom Dvustupinchastogo Zatyvorniya)
(Regulation of the Process of Setting and Hardening of
Plaster Mortar by the Method of Two-Stage Solu-
tion). 13p. (Foreign text included) 5 refs., CNRS-XXV 627.
Order from OZS, ETC or CNRS \$0.80 TT-62-28595

Trans. in English of Akademiya Nauk URSS, Kiev,
Doklady, 1961, no. 3, p. 363-366.

DESCRIPTORS: Calcium compounds, Oxides, *Hydrox-
ides, Hardening, Water, Colloids.

(Materials--Ceramics, TT, v. 11, no. 8)

TT-62-28595

- I. Topchieva, N.V.
- II. CNRS-XXV 627
- III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translation Centre

Determination of the Adsorption Coefficients of Ether,
Water and Ethylene, by the Kinetic Method, by V. L.
Topchiyeva and B. V. Romanovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1959, pp 135-138.

Consultants Bureau

Sci

Feb 60

108,146

Transient Response From Frequency, by V. V.
Solodovnikov, Yu. I. Topchayev, G. V. Krutikova,
196 pp.

RUSSIAN, bk,

Infosearch Ltd
Cleaver-Hume Press Ltd
31 Wright's Lane
London W 8

42s

Nephropathies Caused by the Coxsackie Virus, by
VL. Tonci, N. Krausz, V. Bogdan, 9 pp.

RUMANIAN, per, Studii si Cercetari de Inframicro-
biologie si Parazitologie, Vol XI, 1960, pp 133-140.

NIH 4-38-61

Sci - Med
Jul 61

158, 347

The Causes of Illness and Accidents Through
Physiological and Psychological Defects in the
Operating Conditions of Vehicles, by O. Tope.

GERMAN, per, Int Arch Verkehrsweisen, Vol
VII, No 24, 1955, pp 558-567.

D.S.I.R./27355

Sci - Engineering
Apr 57 CTS/dex

46, 436
A5418-5851

Chemical Analysis of the Surface Layers of Metal Ex-
posed to Different Types of Wear, by B. I. Kostetskiy,
N. L. Golob, P. K. Topolova.

RUSSIAN, per, Vestnik Mashinostroeniya, Vol XXVI,
No 10, 1956, pp 25, 26.

Brutcher Tr 4037

\$1.90

Sci - Mzn/Het

57,376

Jan 58

The X-ray Diffraction Study of the Structure of ~~532~~
Friction Surfaces, by B. I. Kostetskiy, I. G.
Mosovskiy, P. K. Topekha, O. I. Trotsik, N. L.
Kareta, 7 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol VII,
No 1, 1959, pp 95-101.

PP

Sci
Aug 60

124,519

Electric Navigation Devices, by D. G. Topel'berg,
180 pp. UNCLASSIFIED

RUSSIAN, bk, Elektronavigatsionnye Pribory,
Pt III, Chap XV, 1950, pp 337-423.

Navy Tr 1160/ONI A-535

Scientific - Engineering
Apr 55 CTS

23, 369

The Action of Antibiotics and Sulfanilamides on
Transaminase in Animal Tissues, by V. M. Topel'berg.

RUSSIAN, per, Antibiotiki, Vol V, No 2, 1960, pp 83-85.

ATS RJ-4178

Sci - Biol & Med Sci
Dec 63

244,887

THE TESTS AND MEASUREMENTS OF THE ROSS LABORATORY ENGINEERING
SCHOOL FOR POWER, HEATING AND TELE-COMMUNICATIONS,
BY G. KULANOV, R. TUPITS, 7 PP.

GERMAN, REP. DIE DEUTSCHE POST, VOL VIII, NO 8, 1963,
PP 233-234.

APR 21 1966

EL-ENGINEERING

EL-ENGINEERING

OCT 63

343,441

Experimental Pulmonary Auto-Transplantation, by
A. Topete, et al.
SPANISH, per, Rev Mex Tuberc, No 17,
1956, p 523.
NIN 11-82-64
(Loan)

A. Topete

Sci-544
Aug 65

286,213

Hannover Fair Report: Forklift Trucks, by
B. Topfer. 18 pp.

86

GERMAN, per, Fordern auf Heben, No 10,
pp 609-617.

ACSI-J-7532

FTC-HR-23-204-70

B Topfer

Sci-Hsch
Dec 69

398,475

103
Pneumatic Elements for Guidance Control
Technology, by H. Topfer.

GERMAN, per, Zeitschrift für Messen, Steuern,
Regeln., Vol 5, No 6, 1958, pp 279-282.

WAB

H. Topfer

Sci - Mech
Jun 67

72
Pneumatic Elements for Guidance Control
Technology, by H. Topfer, 12 pp.
GERMAN, per, Z. Messen, Steuerung, Regeln,
Vol 5, No 6, 1962, pp 279-288.
P911302-67

AKC SC Tr-67-0937

H. Topfer

Sci-Elec & Elec Eng.
Sept 67

341,535

(FDD 20599)

A New Plane-Table Apparatus by Bjerhammar, by A, Topfer,
15 pp.

GERMAN, per, Vermessungstechnik, Vol I, No 8, Berlin,
Nov 1952, pp 57-60.

CIA/FDD/U-5828

15,641
EBar - Germany
Scientific - Eng., surveying instruments

Hannover Fair Report: Forklift Trucks, by
B. Topfer.

GERMAN, par, Fordern und Heben, No 10,
pp 609-617.

*ACSI-J-7532

*FSTC-HT-23-204-70

B. Topfer

Sci-Mech
Nov 69

The Problem of Weighing Moving Vehicles on a
Gradient, by W. Topfer.

GERMAN, per, ETR Sonderausgabe 11, Sep 1959,
pp 73-78.

BISI 1945

Sci - Engr

May 61

148, 113